

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43157	lithium with battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 07:58
L2	214	1 and ceramic near4 separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:00
L3	133	2 and (@ad<="20041206" or @pd<="20041206")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:01
L4	11	"4039729"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:04
L5	33	current collector with foil and microgrid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:13
L6	26	1 and 5	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:13
L7	24	6 and (@ad<="20041206" or @pd<="20041206")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:13
L8	3	("5554459" or "6387565" or "7351494").pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:17
L9	1	8 and (housing or enclosure or terminal)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:18
L10	2	8 and (case)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:22
L11	0	10/516986.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:23
L12	1	10/516986	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:23
L13	1	12 and moisture	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:23
L14	29	moisture proof same terminals and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 08:24
L15	0	"7351494".pn. and binder	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:18

L16	12	3 and lithium fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:21
L17	1	(US-20060019169-\$).did.	US-PGPUB	ADJ	ON	2008/09/09 09:24
L18	1	(US-20060019169-\$).did.	DERWENT	ADJ	ON	2008/09/09 09:25
L19	1	"7087348".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:28
L20	79	2 and (@ad<="20020608" or @pd<="20020608")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:31
L21	0	"3625771".pn. and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:42
L22	1	(US-3861963-\$).did.	USPAT	ADJ	ON	2008/09/09 09:42
L23	1	22 and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:42
L24	12	lithium cupric chloride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:43
L25	30	lithium near5 cupric chloride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:43
L26	146	lithium near5 copper chloride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 09:44
L27	1	"6387565".pn. and (electrolyte or electrolytic)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 10:48
L28	378	lif with "al.sub.2" "o.sub.3"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:05
L29	8	28 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:05
L30	7	29 and (@ad<="20020608" or @pd<="20020608")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:06
L31	9	lif same "al.sub.2" "o.sub.3" and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:12
L32	18	lif same "al.sub.2" "o.sub.3" and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:12
L33	992	(lithium fluoride or LiF) and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:16

L34	32	(lithium fluoride or LiF) with separator and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 11:19
L35	1	"5824120".pn. and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 12:22
L36	327	PVDF near4 HFP near4 copolymer and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 12:23
L37	8	PVDF near4 HFP near4 copolymer same adhesive and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 12:24
L38	1	(US-20020110732-\$).did.	US-PGPUB	ADJ	ON	2008/09/09 12:35
L39	0	38 and dimethoxyethane	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 12:35
L40	1	"6387565".pn. and (porous or nonporous)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 13:07
L41	1	10/516986	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 13:10
L42	0	41 and nonporous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 13:10
L43	0	41 and non-porous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/09/09 13:10
S1	4	"6387565"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:25
S2	1	10/516986	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:31
S3	1	S2 and microgrid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:31
S4	3	S1 and fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:33
S5	1	S2 and aprotic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:35
S6	7015	lithium fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:41
S7	407	S6 with particles	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:41

S8	1	S7 same separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:41
S9	16	S6 with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:42
S10	1433	inorganic fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:44
S11	0	S10 with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:44
S12	1	S10 same separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:44
S13	3363	inorganic near4 fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:44
S14	6	S13 with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:45
S15	4581	fluoride with alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:46
S16	392	S15 and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:46
S17	20	S15 with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:46
S18	1127	fluoride with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:50
S19	704	S18 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:52
S20	246	fluoride near4 separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:58
S21	156	S20 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:59
S22	142	S21 and @ad<="20041206"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 08:59
S23	73	S22 not PVDF	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:07
S24	39	S23 not polyvinylidene fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:07

S25	529	S18 not polyvinylidene fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:15
S26	496	S25 and @ad<="20041206"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:15
S27	181	S26 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:18
S28	193	lithium fluoride with alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:21
S29	6	S28 and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:21
S30	136	S27 not PVDF	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:22
S31	1	S2 and fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:26
S32	0	((lithium fluoride or LiF) or (magnesium fluoride)) with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:27
S33	0	((lithium fluoride or LiF) or (magnesium fluoride)) same separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:28
S34	0	(lithium fluoride or LiF) same separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:28
S35	48	((lithium fluoride or LiF) or (magnesium fluoride)) with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:28
S36	1	S2 and aprotic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:31
S37	43396	aprotic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:35
S38	7	aprotic with adhesive and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:36
S39	1	S2 and capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:39
S40	1	S38 and capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:41
S41	4124	separator and battery and capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:44

S42	6	(US-20020182512-\$).did. or (US-6387565-\$ or US-5534367-\$ or US-6682854-\$ or US-6544691-\$ or US-7279251-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 09:45
S43	0	S42 and capacitor	US-PGPUB; USPAT	ADJ	ON	2008/01/14 09:45
S44	11	"battery or capacitor"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:56
S45	15209	battery near3 capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:57
S46	0	battery with capacitor with also with used	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:58
S47	4494	battery with capacitor with used	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 09:58
S48	580	battery with ultracapacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:00
S49	4	battery with ultracapacitor with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:00
S50	580	battery with ultracapacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:02
S51	164	S50 and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:02
S52	49	S51 and adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:02
S53	31	S52 and @ad<="20041206"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:02
S54	1	S2 and smaller	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 10:57
S55	1	"6387565".pn. and porous	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 11:22
S56	1	"6387565".pn. and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 11:37
S57	1	S2 and ceramic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 11:38
S58	0	"6387565".pn. and enclosure	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 12:21

S59	1	"6387565".pn. and case	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 12:21
S60	126	ceramic separator and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 12:39
S61	100	S60 and @ad<="20041206"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 12:42
S62	8	S61 and adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 12:43
S63	69	S61 and porous with separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 12:44
S64	0	"6387565".pn. and HFP	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:06
S65	1	"6387565".pn. and electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:08
S66	1	S2 and electrolyte same binder	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:12
S67	0	"6387565".pn. and (bicell or bi-cell)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:20
S68	0	S2 and bicell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:21
S69	1	S2 and bi-cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:21
S70	0	"3625771" and (bi-cell or bicell)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:22
S71	1	S2 and different solvent	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:42
S72	1	S2 and separator with binder	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:54
S73	10	"3625771" and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:57
S74	1	"3625771".pn. and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 13:57
S75	1	S2 and solvent	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 14:11

S76	1	"6387565".pn. and smaller	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 14:16
S77	1	"6387565".pn. and electrode near4 size	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 14:17
S78	1	"3625771".pn. and fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 14:21
S79	7	(US-20020182512-\$ or US- 20020012224-\$).did. or (US- 6387565-\$ or US-5534367-\$ or US-6682854-\$ or US- 6544691-\$ or US-7279251-\$). did.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 15:03
S80	2	S79 and lithium fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:03
S81	0	S79 and (lithium fluoride same alumina)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:06
S82	3	S79 and LiF	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:06
S83	1	(US-7279251-\$).did.	USPAT	ADJ	ON	2008/01/14 15:27
S84	0	S83 and powder	USPAT	ADJ	ON	2008/01/14 15:28
S85	0	S83 and particles	USPAT	ADJ	ON	2008/01/14 15:28
S86	1	S83 and filling agent	USPAT	ADJ	ON	2008/01/14 15:28
S87	0	S2 and fluoride	USPAT	ADJ	ON	2008/01/14 15:31
S88	0	10/516986 and fluoride	USPAT	ADJ	ON	2008/01/14 15:31
S89	1	10/516986 and fluoride	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:32
S90	0	2001/0008726 and hfp	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:49
S91	0	2001/0008726 and copolymer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50
S92	0	2001/0008726 and co-polymer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50
S93	0	2001/0008726	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50



S94	1	"20010008726"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50
S95	0	"20010008726" and hfp	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50
S96	0	"20010008726" and copolymer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50
S97	178	pvdf/hfp	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:50
S98	19	S97 and separator and adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:51
S99	8	S98 and aprotic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 15:51
S100	1	"5824120".pn. and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:00
S101	300	pvdf-hfp	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:30
S102	8	S10 and separator and adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:30
S103	61	S101 and separator and adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:30
S104	11	S103 and aprotic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:30
S105	1	10/516986 and hfp	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:41
S106	11	adhesive same (pvdf-hfp or pvdf/hfp)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/14 16:52
S107	271	bicell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 07:41
S108	33	"6063519"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 07:42
S109	3490	catholyte and anolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 09:09
S110	3093	catholyte with anolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 09:10

S111	508	catholyte with anolyte and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 09:10
S112	99	S111 and sulfonic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 09:10
S113	1	10/518041	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 10:02
S114	1	S113 and static	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/15 10:02
S115	4	("6387565" or "3625771" or "7279251").pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:33
S116	0	S115 and (capacitor or bi-cell or bicell)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:33
S117	4	bicell.ti.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:36
S118	12	bi-cell.ti.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:38
S119	783	bicell or bi-cell	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:39
S120	292	S119 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:39
S121	30175	battery with capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:44
S122	6987	battery near capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:44
S123	1063	S122 with used	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:44
S124	208	S123 and adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:47
S125	215	S123 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:57
S126	148	S125 and lithium	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 07:58
S127	527	battery adj8 used adj8 capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 08:19

S128	0	S127 and "429.clas"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 08:20
S129	50	S127 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 08:20
S130	19	S129 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 09:10
S131	12	battery adj8 used adj8 supercapacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 09:13
S132	881	battery with supercapacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 09:14
S133	255	S132 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 09:15
S134	0	S115 amd alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 09:56
S135	2	S115 and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 09:56
S136	6209	N-methylpyrrolidinone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:01
S137	906	S136 and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:01
S138	36	S136 same alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:01
S139	188	S137 and electrode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:15
S140	33	S139 and "429".clas. and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:16
S141	0	S115 and S136	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:28
S142	1	S115 and polyvinylidene	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:28
S143	5	("5346788" or "5362581" or "6447958" or "7279251" or "7115339").pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 10:58
S144	4	S143 and (alumina or "al. sub.2" "o.sub.3")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:25

S145	1	(US-5346788-\$).did.	USPAT	ADJ	ON	2008/01/29 11:31
S146	1	S145 and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:31
S147	0	S146 and N-methylpyrrolidinone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:31
S148	0	S146 and methylpyrrolidinone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:31
S149	0	S146 and polyvinylidene	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:32
S150	0	S146 and PVDF	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:32
S151	5	S143 and pyrrolidone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:39
S152	0	S151 and polyvinylidene	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:39
S153	2	S151 and polyvinylidene	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:40
S154	2	S153 and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:40
S155	5	("20020076619"   "20050014063"   "5882721"   "5948464"   "6846594").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 11:46
S156	3	S155 and @ad<="20020608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 11:46
S157	4	S151 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:48
S158	1	(US-5346788-\$).did.	USPAT	ADJ	ON	2008/01/29 11:49
S159	0	S158 and pvdf	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:50
S160	0	S158 and polyvinylidene	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:50
S161	1	S158 and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:50
S162	1	S158 and poly	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:51

S163	1	S161 and S162 and pyrrolidone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:53
S164	1	(US-5346788-\$).did.	USPAT	ADJ	ON	2008/01/29 11:56
S165	1	S164 and filler	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 11:56
S166	1	(US-6447958-\$).did.	USPAT	ADJ	ON	2008/01/29 12:06
S167	1	S166 and pyrrolidone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 12:06
S168	1	S166 and pyrrolidone and NMP	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 12:08
S169	1	(US-5362581-\$).did.	USPAT	ADJ	ON	2008/01/29 12:09
S170	1	S169 and pyrrolidone	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 12:10
S171	457	NMP and polyvinylidene and alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 12:11
S172	26	S171 and material paste	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 12:12
S173	3	S172 and @ad<="20020608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:12
S174	0	"2004166907".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:14
S175	0	"2004166907"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:14
S176	0	"2004166407"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:14
S177	1	"20040166907"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:14
S178	2	"20040166407"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:15
S179	22	NMP same polyvinylidene same alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 12:16
S180	10	S179 and @ad<="20020608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 12:16
S181	179	pyrrolidone same polyvinylidene same (alumina or aluminum oxide)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 13:01
S182	31	S181 and @ad<="20020608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 13:01
S183	8	polyvinyl alcohol with lithium fluoride	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 14:03

S184	31	polyvinyl alcohol same lithium fluoride	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 14:04
S185	9	S184 and @ad<="20020608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/29 14:05
S188	0	"CN-1773763"	DERWENT	ADJ	ON	2008/01/29 14:20
S190	10	(LiF or lithium fluoride) same (PVOH or polyvinyl alcohol)	DERWENT	ADJ	ON	2008/01/29 14:31
S193	6	ceramic coating and (LiF or lithium fluoride) and (polyvinyl alcohol or PVOH)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 15:14
S194	259	ceramic separator	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 15:16
S195	155	S194 and (electrochemical or battery)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 15:16
S196	1	S195	JPO	ADJ	ON	2008/01/29 15:16
S197	0	S195 and @ad<="20020608"	JPO	ADJ	ON	2008/01/29 15:16
S198	88	S195 and @ad<="20020608"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 15:17
S199	42	S198 and coating	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 15:53
S200	334186	S199 and (lithium fluoride or LiF) or (alumina or aluminum oxide)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:02
S201	23	S199 and ((lithium fluoride or LiF) or (alumina or aluminum oxide))	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:02
S202	137873	polyvinyl alcohol	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:09
S203	138381	polyvinyl alcohol or PVOH	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:09
S204	21336	lithium fluoride or lif	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 16:10
S205	2730	S203 and S204	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 16:10
S206	555	S205 and (battery or electrochemical) and (membrane or separator)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/29 16:11
S207	360	S206 and @ad<="20020608"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:12
S208	339	S207 and coating	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:30
S209	225	S208 and electrode	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:31
S210	25	S208 and "429".clas.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/29 16:31

S211	24905	(alumina or aluminum oxide) and (membrane or separator) and (battery or cell)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/30 07:50
S212	2746	(alumina or aluminum oxide) with (membrane or separator) and (battery or cell)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/30 07:56
S213	1935	(alumina or aluminum oxide) with (membrane or separator) and (battery or cell) and polymer	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/30 07:56
S214	148	(alumina or aluminum oxide) with (membrane or separator) and (battery or cell) and NMP	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/30 07:57
S215	67	S214 and @ad<="20020608"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/30 08:02
S216	0	(alumina or aluminum oxide) with (membrane or separator) and (battery or cell) and NMP	JPO	ADJ	ON	2008/01/30 08:02
S217	1489	pyrrolid\$6 with polyvinyl with alumina	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/30 08:35
S218	2	S217 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/30 08:35
S219	5	("20020076619"   "20050014063"   "5882721"   "5948464"   "6846594").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/30 08:35
S220	5	("20020076619"   "20050014063"   "5882721"   "5948464"   "6846594").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/30 08:38
S221	3	S220 and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/30 08:38
S222	3	S221 and polyvinylidene	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/30 08:38
S223	0	S222 and pyrrolid\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/30 08:39
S224	809	lithium and battery with double near3 capacitor	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/31 16:22
S225	338	S224 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/31 16:22
S226	737	lithium and battery with (supercapacitor or super capacitor)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/31 16:31
S227	294	S226 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/31 16:31
S228	54140	transparent electrode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/01 09:50

S229	150	S228 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/01 09:51
S230	45	S229 and electrochromic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/01 09:53
S231	2412	electrochromic.clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/01 14:50
S232	607	"electrochromic device".clm.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/01 14:50
S233	1	"5,678,809".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/04 08:17
S234	1	10/516986	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/06 07:41
S235	1	S234 and microgrid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/06 07:41
S236	22	microgrid and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/06 07:42
S237	4827	kejha.in. or (smith.in. with w. in.) or "mccloskey.in"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:41
S238	81	S237 and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:42
S239	22	S238 and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:42
S240	4827	kejha.in. or (smith.in. with w. in.) or "mccloskey.in"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:57
S241	81	S240 and electrochemical	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:57
S242	22	S241 and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:57
S243	11	S242 and (dimethoxyethane or polyvinylidene or PVDF)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:57
S244	6	S243 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:58
S245	3366	dimethoxyethane and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 11:59



S246	188	dimethoxyethane with separator and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:00
S247	166	S246 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:01
S248	1	dimethoxyethane with (PVDF or polyvinyl\$5) with separator and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:03
S249	793	adhesive with separator and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:07
S250	100	S249 and adhesive with (dimethoxyethane or PVDF or polyvinyl\$6)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:13
S251	2	S249 and adhesive with (dimethoxyethane and (PVDF or polyvinyl\$6))	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:16
S252	3	S249 and adhesive with (dimethoxyethane)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:21
S253	0	NMP with domethoxyethane	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:24
S254	2	NMP with dimethoxyethane same adhesive	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:24
S255	5390	adhesive and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:31
S256	1	adhesive with lipf\$3	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:32
S257	2870	adhesive with electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:32
S258	853	S255 and S257	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:33
S259	504	S258 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:34
S260	33	S259 and adhesive same pvdf	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 12:35
S261	12	("4220693"   "5498489"   "5512389"   "5741609"   "5981107"   "6024773"   "6051342"   "6120940"   "6124061"   "6136471"   "6232014"   "6235066").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 12:39

S262	11	S261 and adhesive	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 12:39
S263	1	adhesive with lipf\$3 and "429". clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 12:42
S264	4	adhesive same lipf\$3 and "429".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 12:43
S265	104	monoglyme and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 13:07
S266	60	S265 and @ad<="20020608"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 13:07
S267	0	monoglyme with adhesive and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/02/11 13:08
S268	42298	lithium with battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 14:54
S269	713	S268 and inorganic with (separator or membrane)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 14:56
S270	1	"6387565".pn. and separator	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 15:00
S271	255	S269 and (@ad<="20020608" or @pd<="20020608")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 15:04
S272	46	S271 and separator with (adhesive or resin)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/07/01 15:04
S273	2	241655/1998	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/07/01 15:15
S274	3	"10241655"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/07/01 15:16

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